

45C

FIG. 46C illustrates a rear view of an exemplary cable modem, according to an embodiment of the present invention.

FIGs. 46A-46C illustrate exemplary cable modem types, according to embodiments of the present invention;

5 FIGs. 47-50 illustrate exemplary cable modem block diagrams, according to embodiments of the present invention;

FIG. 51 illustrates an exemplary cable modem network block diagram, according to an embodiment of the present invention;

10 FIG. 52 illustrates an exemplary detailed cable modem network block diagram, according to an embodiment of the present invention;

FIG. 53 illustrates an exemplary UFD module according to an embodiment of the invention;

FIGs. 54A-54B illustrate exemplary block diagrams of receivers, according to embodiments of the present invention;

15 FIG. 55 illustrates an exemplary UFU module, according to an embodiment of the present invention;

FIGs. 56-57 illustrate exemplary block diagrams QPSK modulation mode transmitters, according to embodiments of the present invention;

20 FIGs. 58-59 illustrate exemplary block diagrams QAM modulation mode transmitters, according to embodiments of the present invention;

FIG. 60 illustrates a modem network block diagram;

FIG. 61 illustrates an exemplary block diagram of a modem transceiver, according to an embodiment of the present invention;

FIG. 62 illustrates an exemplary block diagram of an Ethernet network;

25 FIGs. 63-64 illustrate exemplary Ethernet interfaces, according to embodiments of the present invention;

FIG. 65 illustrates an exemplary block diagram of an satellite receiver 6500, according to an embodiment of the present invention; and